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SOD-M74-040  
7 June 1974

MEMORANDUM FOR: Chief, Communications Services, OC  
: Chief, Programs and Budgeting Staff, OC  
INFORMATION : Executive Assistant, OC  
SUBJECT : Phase I STRES Initial Proposals

Attached is the Phase I STRES working paper to be used in our discussions with OJCS. We would appreciate receiving your comments by 14 June 1974.

  
Chief, Staff Operations Division, OC

Attachment:  
Phase I STRES Proposals

Distribution:  
Original - Chief, OC-S w/att  
1 - Chief, OC-P w/att  
✓ - OC-EXA w/att



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PHASE I STRES

PROGRAM REWRITE

INITIAL PROPOSALS

The attached outline presents a brief explanation of the various reporting requirement categories proposed for the program rewrite of the Phase I STRES Program. The context of the outline explanation and reporting method is predicated on a certain number of basic assumptions regarding STRES program software and, in several instances, ancillary hardware. We are assuming that:

A. A cable report to data input process will be feasible through some sort of software interface at Headquarters.

B. The data will be accessible from remote terminals, not necessarily at any random time (on-line system) but during stipulated access times.

C. No printed reports will be scheduled for regular production such as the complete machine listing we now receive. When a certain piece of information is required, the data will be "called-up" on a terminal and displayed. If the customer requires a printed copy of the information, the required information can be "spilled" to an ancillary printer.

D. Individual station statistics can be combined and totaled to produce "total figure" statistics, through executive software commands, for any given area of reporting, i.e., "Display total Agency messages in Africa Division for May 1974." The program then allows for a search of the individual AF Station records and totals all messages in the Agency Message area for May 1974.

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E. Any record display will be for a six month period and a previous six month average will also be displayed for any given record called up.

F. All updates are conducted monthly and all statistics listed are monthly records unless stipulated otherwise. All update information will be derived from the field Phase I STRES cable with the exception of Headquarters.

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The attached outline presents INITIAL PROPOSALS with reporting requirements defined by the project officer after discussions with concerned customers. Final proposals resulting from this effort will be used to set forth reporting requirements in the OJCS program rewrite. It is requested that reviewing personnel add any comments to assist in finalizing these proposals. A space has been provided at the end of each category proposal for appropriate comments. Prior to the opening of discussions with OJCS in early July we should have these proposals firmed up and be ready to respond positively to programmer queries regarding our rewrite. Once the rewrite begins, we do not plan to change or modify the requirements for the foreseeable future.

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A. TDY: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "TDY BY OVERSEAS AREAS (man-days)"). The purpose of the reporting is to provide an Area-by-Area breakdown of the total number of TDY man-days expended within the Area during the fiscal year. This figure will be compiled and reported by each Area Headquarters only. It will appear as one total sum figure of all TDY, by man-days, expended by Area OC personnel, regardless of panel or grade. This report was formerly derived from the Area Headquarters quarterly report and forwarded to OC-P by OC-S.

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B. OVERTIME: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "Hours of Overtime"). The purpose of reporting is to provide an Area-by-Area breakdown of the total amount of overtime claimed by Area personnel during the fiscal year. Reporting will also support management of the Area allotment of overtime and allow OC-P to adjust allotments as required by the needs of the various Areas. The information will appear as one total sum figure of all overtime claimed by personnel assigned to that Station or by that Area's personnel TDY to the Station. OSG personnel will report any overtime claimed as a part of the TDY Station's total figure. Overseas personnel on TDY to an Area other than their assigned Area will report from their home Station and not the TDY Station. A combined total overtime figure will be reported for personnel in Panels T, N and C regardless of grade. It should be noted for future planning in Phase II that overtime figures for Headquarters [ ] are also included in the "Management Statistics" booklet as a part of the "Hours of Overtime" chart. Consideration should be given to the interface of the statistics from overseas areas with the Headquarters [ ] [ ] to provide a total lump sum report of overtime expended in OC.

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C. AGENCY MESSAGES: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "CIA Messages Processed by CIA Stations in DD/O Overseas Areas" and "Messages Processed in the CIA Communications Network"). The purpose of the report is twofold. First, it provides a total number of messages by DD/O Area for OC-P's chart. Secondly, it breaks down a Station's CIA message load by category with transmission and receipt activity in each category. The categories are as follows:

1. Command Messages
2. Telepouch
3. CEC (CRITICOM ELINT COMINT)
4. Option reporting

Program software will key on the Station name to determine in which DD/O Area the Station is located. Most all other statistics required are based on the Station's Communications Area location. Accounting will be as follows:

1. Command - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_
2. Telepouch - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_
3. CEC - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_
4. Option - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_
5. Activations - \_\_\_\_\_ (Pertains to  
After hours)

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D.  SUPPORTED AGENCY MESSAGES: This is an OC-P requirement in support of the "Management Statistics" booklet prepared each fiscal year. (Chart title, "Messages Processed in the CIA Communications Network"). The main purpose of the reporting is to provide a yearly total number of  supported agencies, with the exception of  are also counted in this area) handled within the CIA Network. Statistics are broken down into four accounting areas which includes those messages switched by a Message Routing System (MRS) where appropriate. Accounting will be as follows:

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1.  - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_
2. MRS - \_\_\_\_\_
3. Poked - \_\_\_\_\_
4. Activations - \_\_\_\_\_ (Pertains to  
After hours)

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25X1 E. ☐ MESSAGES: This is an OC-P requirement  
in support of the "Management Statistics" booklet  
25X1 prepared each fiscal year. (Chart title, "Messages  
Processed in the CIA Communications Network"). The  
main purpose of the reporting is to provide a yearly  
total number of ☐ messages, including ☐  
25X1 handled within the CIA Network. Statistics are  
broken down into either three or four accounting  
areas, depending on the category of traffic. Mes-  
sages switched by a Message Routing System (MRS) are  
shown where appropriate. Accounting will be as follows:

1. ☐ - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_  
MRS \_\_\_\_\_  
POKED \_\_\_\_\_  
ACTIVATIONS \_\_\_\_\_ (Pertains to  
After hours)
2. ☐ CEC - SENT \_\_\_\_\_  
RECEIVED \_\_\_\_\_  
POKED \_\_\_\_\_  
ACTIVATIONS \_\_\_\_\_ (Pertains to  
After hours)

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F. TOTAL TRANSMISSION WORKLOAD: This is a requirement of Staff Operations Division for personnel and network management. OC-P does not publish these statistics in their "Management Statistics" booklet. The purpose of the reporting is to provide useful information on a Station's total transmission load by transmission means and applies to all circuits where CIA operates at least one end of the circuit. The statistics will be broken down into five different transmission means areas with a sum total of transmissions shown for each means utilized. Accounting will be as follows:

1. SKYLINK - Record \_\_\_\_\_  
Voice \_\_\_\_\_ (OJCS to key  
voice statistics  
out of Transmis-  
sion Load totals)
2. RTTY \_\_\_\_\_
3. LL/ALLOC \_\_\_\_\_
4. CW \_\_\_\_\_

Review Comments:

G. SPECIFIC CIRCUIT TOTALS: This is a requirement of Staff Operations Division in support of network management. OC-P does not publish these statistics in their "Management Statistics" booklet. The purpose of the reporting is to provide information on transmission workloads by specific circuits. Statistics will be shown by distant end designations followed by the workload of each particular circuit, combined IN/OUT. Overload and Bravo channels will be listed separately. Relay stations will report loads on circuits to other Agency Relay Stations, all CRITICOM circuits and all circuits with non-Agency personnel on the distant end.

Review Comments:

H. OFF-LINE WORKLOADS: This is a requirement of Staff Operations Division in support of network management and personnel staffing. OC-P does not publish these statistics in their "Management Statistics" booklet. The purpose of the reporting is to provide information on the amount of traffic being processed in CIA off-line cryptographic systems. The information pertains only to those cryptographic links which are used as the primary link and not those used for proficiency practice or backup use. Clandestine communications cryptographic activity will not be reported. Information will be listed as total load, combined IN/OUT, per type of off-line system employed. Accounting will be as follows:

1. OTT \_\_\_\_\_
2. OTP \_\_\_\_\_
3. HL-17 \_\_\_\_\_
4. OTHER (Specify) \_\_\_\_\_

Review Comments:

25X1 I. COMMERCIAL COSTS: This is an OC-P require-  
ment to assist in determining the amount of money owed  
by CIA to [ ] for Telex or com-  
25X1 mercial cable costs involved in the transmission of  
CIA off-line messages via commercial means utilizing  
a [ ] format and billed to [ ] 25X1  
Information will appear as a dollar amount which  
represents the exact or estimated cost of commercially  
filed traffic originated by (outgoing) CIA at a given  
post. At present there are only three stations who  
report commercial cable costs on a regular basis. The  
number of transmissions or groups need not be reported  
in this area of accounting.

Review Comments: